



## Environmental Product Declaration

<b>Product</b>	Type of equipment /	QAM2161.040	Temperaturfühler Luftkanal 0-10V 0.4m
	Product No.	QAE2164.010	Temperaturfühler Tauch 0-10V 0.1m
		QAE2164.015	Temperaturfühler Tauch 0-10V 0.15m
	Product line, product range Sensor		
<b>Process control</b>	Beijing Siemens Cerberus Electronics Ltd.		
	No.1 Fengzhi Dong Lu, Xi Bei Wang, Haidian District 100094, Beijing, China		
	Management System	since	by
	ISO 9001 (Quality)	06.01.2001	LPCB
	ISO 14001 (Environment)	05.07.2005	SGS
	OHSAS 18001 (OH&S)	12.12.2011	SGS
<b>Environmentally compatible product design</b>	Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying with Siemens EP Standard (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".		
<b>Product use</b>	Typical energy consumption	5kWh/a	
	Fire load	variant *) see below	
<b>Packaging</b>	20-PAP Corrugated fibreboard	Folded Box	57g
	4-LDPE Low density polyethylene	Bag for accessories	3g
	22-PAP Paper	Mounting instruction	4g
	Notes on disposal	One-way, recyclable	
<b>Materials</b>	Total weight of device	variant *) see below	
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
<b>Plastics</b>	PC; halogen-free	Housing: base and cover	51g
	PC; halogen-free	Immersion rod	
	PC; halogen-free	socket and partition wall	
	Epoxy resin; halogen-free	Sealing compound	
	PA6; GF 0%; halogen-free	Mounting flange / cable entry gland	14g
	NBR; halogen-free	O-ring gasket	
	PET; halogenated	Washer	1g
	Polyolefin; halogenated	Shrinkable tubing (flexible probe)	variant
	PA66; halogenated	2 half shells (bracket)	variant
	PA66; halogenated	Mounting tube, flange	variant
	<b>Metals</b>	Copper	Flexible sensor probe
Steel stainless		Sensor pocket and nipple	variant

**Building Parts**

	Steel	Clamp	variant
	Steel zinc-plated	Screws (housing)	
Others	PBT / CuSn zinc-plated	Connector measuring tip	
	PBT / CuSn zinc-plated	Plug connector	8g
	PA66 Cu steel	Terminal strip with clip, screws	
PCBAs (Printed Circuit Board assembled)	FR4; solder SnAgCu	PCB base	24g
	FR4; solder SnAgCu	PCB gas module	
	FR4	PCB cover module	
	FR4	PCB measuring tip	
	FR4	PCB VOC module	

**\*Variant parts list**

	QAM2161.040	QAE2164.010	QAE2164.015										
[g]													
Total weight of device	157	124	130										
Shrinkable tubing (flexible probe)	3												
2 half shells (bracket)	6												
Mounting tube, flange	32												
Flexible sensor probe	18												
Sensor pocket and nipple		20	26										
Clamp		6	6										
Fire load	[MJ] 4	3	3										

**Disposal**

The device is classified as waste electronic equipment in terms of the European Directive 2012/19/EU (WEEE) and must not be disposed of as unsorted municipal waste. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

**Comments**

**EU-directive 2011/65/EU (RoHS)**

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive, including the 4 phthalates added to Annex II in 2015.

**Regulation (EC) No. 1907/2006 (REACH)**

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

(Status according to the creation date of this document.)

**Legal Disclaimer: This declaration is for information purpose only.**  
 This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.  
 Beijing Siemens Cerberus Electronics Ltd. therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.